

Image may be representation.
See specifications for product details.



ATTINY804-SSN

Manufacturer Part Number	ATTINY804-SSN
Manufacturer	Microchip Technology
Allelco Part Number	32D-ATTINY804-SSN
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC MCU 8BIT 8KB FLASH 14SOIC
Package	14-SOIC (0.154", 3.90mm Width)
Data sheet	ATTiny804/806/807/1604/1606/1607.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

ATTINY804-SSN - Microchip Technology. New Original in Stock. Download Linear Technology ATTINY804-SSN datasheet/specifications on AllelcoElec.com. Request a quote for ATTINY804-SSN, please send us email: info@allelco.com

Specifications

ATTINY804-SSN Tech Specifications

ATTINY804-SSN - Microchip Technology technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Microchip Technology	Oscillator Type	Internal
Voltage - Supply (Vcc/Vdd)	1.8V ~ 5.5V	Operating Temperature	-40°C ~ 105°C (TA)
Supplier Device Package	14-SOIC	Number of I/O	12
Speed	20MHz	Mounting Type	Surface Mount
Series	tinyAVR™ 0, Functional Safety (FuSa)	EEPROM Size	128 x 8
RAM Size	512 x 8	Data Converters	A/D 10x10b
Program Memory Type	FLASH	Core Size	8-Bit
Program Memory Size	8KB (8K x 8)	Core Processor	AVR
Peripherals	Brown-out Detect/Reset, POR, WDT	Connectivity	I ² C, IrDA, LINbus, SPI, UART/USART
Package / Case	14-SOIC (0.154", 3.90mm Width)	Base Product Number	ATTINY804
Package	Tube		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology ATTINY804-SSN

Product Attribute				
Part Number	ATTINY804-SSN	ATTINY5-TS8R	ATTINY806-MN	ATTINY816-SNR
Manufacturer	Microchip Technology	Atmel	Microchip Technology	Microchip Technology
Peripherals	Brown-out Detect/Reset, POR, WDT	POR, PWM, WDT	Brown-out Detect/Reset, POR, PWM, WDT	Brown-out Detect/Reset, POR, WDT
Connectivity	I ² C, IrDA, LINbus, SPI, UART/USART	-	I ² C, SPI, UART/USART	I ² C, IrDA, LINbus, SPI, UART/USART
Supplier Device Package	14-SOIC	SOT-23-6	20-VQFN (3x3)	20-SOIC
Program Memory Size	8KB (8K x 8)	512B (256 x 16)	8KB (8K x 8)	8KB (8K x 8)
Package	Tube	Bulk	Tray	Tape & Reel (TR)
RAM Size	512 x 8	32 x 8	512 x 8	512 x 8
Voltage - Supply (Vcc/Vdd)	1.8V ~ 5.5V	1.8V ~ 5.5V	1.8V ~ 5.5V	1.8V ~ 5.5V
Speed	20MHz	10MHz	20MHz	20MHz
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Package / Case	14-SOIC (0.154", 3.90mm Width)	SOT-23-6	20-VFQFN Exposed Pad	20-SOIC (0.295", 7.50mm Width)
Operating Temperature	-40°C ~ 105°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 105°C (TA)	-40°C ~ 105°C (TA)
Data Converters	A/D 10x10b	A/D 4x8b	A/D 12x10b	A/D 12x10b; D/A 1x8b
EEPROM Size	128 x 8	-	128 x 8	128 x 8
Core Processor	AVR	AVR	AVR	AVR
Core Size	8-Bit	8-Bit	8-Bit	8-Bit
Base Product Number	ATTINY804	ATTINY5	ATTINY806	ATTINY816
Series	tinyAVR™ 0, Functional Safety (FuSa)	AVR® ATTiny	tinyAVR™ 0, Functional Safety (FuSa)	tinyAVR™ 1, Functional Safety (FuSa)
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Oscillator Type	Internal	Internal	Internal	Internal
Number of I/O	12	4	18	18

ATTINY804-SSN Datasheet PDF

Download ATTINY804-SSN pdf datasheets and Microchip Technology documentation for ATTINY804-SSN - Microchip Technology.


Datasheets

[ATTiny804/806/807/1604/1606/1607.pdf](#)

PCN Assembly/Origin

[ATTINY16x/ATTINY4x/ATTINY2x/ATTINY8x/ATTINY3224/PI.pdf](#)

PCN Packaging

 Packing Changes 03/Jun/2022.pdf

PCN Design/Specification

 ATtiny804/1604 05/Jul/2019.pdf

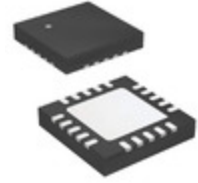
Customers Also Interested in

Recommended Products



ATTINY5-TS8R

Atmel
IC MCU 8BIT 512B FLASH SOT23-6



ATTINY806-MN

Microchip Technology
IC MCU 8BIT 8KB FLASH 20VQFN



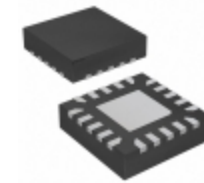
ATTINY816-SNR

Microchip Technology
IC MCU 8BIT 8KB FLASH 20SOIC



ATTINY5-TS8R

Microchip Technology
IC MCU 8BIT 512B FLASH SOT23-6



ATTINY816-MF

Microchip Technology
IC MCU 8BIT 8KB FLASH 20QFN



ATTINY814-SSN

Microchip Technology
IC MCU 8BIT 8KB FLASH 14SOIC



ATTINY48-MU

Microchip Technology
IC MCU 8BIT 4KB FLASH 32VQFN



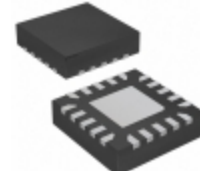
ATTINY814-SSFR

Microchip Technology
IC MCU 8BIT 8KB FLASH 14SOIC



ATTINY5-TSHR

Microchip Technology
IC MCU 8BIT 512B FLASH SOT23-6



ATTINY816-MNR

Microchip Technology
IC MCU 8BIT 8KB FLASH 20QFN



ATTINY804-SSNR

Microchip Technology
IC MCU 8BIT 8KB FLASH 14SOIC



ATTINY804-SSFR

Microchip Technology
IC MCU 8BIT 8KB FLASH 14SOIC



ATTINY48-MUR

Microchip Technology
IC MCU 8BIT 4KB FLASH 32VQFN



ATTINY48-PU

Microchip Technology
IC MCU 8BIT 4KB FLASH 28DIP



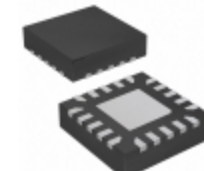
ATTINY48-PU

Atmel
IC MCU 8BIT 4KB FLASH 28DIP



ATTINY814-SSNR

Microchip Technology
IC MCU 8BIT 8KB FLASH 14SOIC



ATTINY816-MFR

Microchip Technology
IC MCU 8BIT 8KB FLASH 20QFN



ATTINY814-SSF

Microchip Technology
IC MCU 8BIT 8KB FLASH 14SOIC

Shipment

Delivery Time

In-stock items can be shipped within 24 hours. Some parts will be arranged for delivery within 1-2 days from the date all items arrive at our warehouse. And Allelco ships order once a day at about 17:00, except Sunday. Once the goods are shipped, the estimated delivery time depends on the shipping methods and Delivery destination. The table below shows are the logistic time for some common countries.

Delivery Cost

- > Use your express account for shipment if you have one.
 - > Use our account for the shipment. Refer to the table below for the approximate charges.
- (Different time frame / countries / package size has different price.)

Delivery Method

- > Global Common Shipment by DHL / UPS / FedEx / TNT / EMS / SF we support.
- > Others more shipping ways, please get in touch with your customer manager.

Common Countries Logistic Time Reference		
Region	Country	Logistic Time(Day)
America	United States	5
	Brazil	7
Europe	Germany	5
	United Kingdom	4
	Italy	5
Oceania	Australia	6
	New Zealand	7
Asia	India	6
	Japan	7
Middle East	Israel	6

DHL & FedEx Shipment Charges Reference	
Shipment charges(KG)	Reference DHL(USD\$)
0.00kg-1.00kg	USD\$60.00
1.00kg-2.00kg	USD\$70.00
2.00kg-3.00kg	USD\$80.00




Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

Payment Support



The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card,
PayPal.



Your Faithful Supply Chain Partner -

 Efficient Supply Management
 Cost-Saving Procurement
 Fast Sourcing & Delivery

Contact us if you have any questions.

 Phone
+00852 9146 4856
 Email
info@allelco.com

Certifications & Memberships



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